

SEQUENCE LISTING

<110> Bayer HealthCare AG

<120> Diagnostics and Therapeutics for Diseases Associated with N-Acetylated Alpha-Linked Acidic Dipeptidase-Like 1 (NAALADASE-likel)

<130> BHC 03.01.003

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 2320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (315)..(315)

<223> n=a,c,g,t

<400> 1

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<212> PRT

<213> Homo sapiens

<220>

<221> MISC_FEATURE

<222> (100)..(100)

<223> X=any

<400> 2

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Asn Ser Leu Ala Pro Gln Asp Leu Asp Leu Glu Ile Leu Glu Thr Val
35          40          45
Met Gly Gln Leu Asp Ala His Arg Ile Arg Glu Asn Leu Arg Glu Leu
50          55          60
Ser Arg Glu Pro His Leu Ala Ser Ser Pro Arg Asp Glu Asp Leu Val
65          70          75          80
Gln Leu Leu Leu Gln Arg Trp Lys Asp Pro Glu Ser Gly Leu Asp Ser
85          90          95
Ala Glu Ala Xaa Thr Tyr Glu Val Leu Leu Ser Phe Pro Ser Gln Glu
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Gln Pro Asn Val Val Asp Ile Val Gly Pro Thr Gly Gly Ile Ile His

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Gly Leu Leu Val Tyr Ala Asn Arg Gly Ala Glu Glu Asp Phe Lys Glu		
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Leu Gln Thr Gln Gly Ile Lys Leu Glu Gly Thr Ile Ala Leu Thr Arg		
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Tyr Gly Gly Val Gly Arg Gly Ala Lys Ala Val Asn Ala Ala Lys His		
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Gly Val Ala Gly Val Leu Val Tyr Thr Asp Pro Ala Asp Ile Asn Asp		
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Gly Leu Ser Ser Pro Asp Glu Thr Phe Pro Asn Ser Trp Tyr Leu Pro		
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Pro Ser Gly Val Glu Arg Gly Ser Tyr Tyr Glu Tyr Phe Gly Asp Pro		
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Ala Asn Val Ser Gly Phe Pro Pro Ile Pro Thr Gln Pro Ile Gly Phe		
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Gln Asp Ala Arg Asp Leu Leu Cys Asn Leu Asn Gly Thr Leu Ala Pro		
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Ala Thr Trp Gln Gly Ala Leu Gly Cys His Tyr Arg Leu Gly Pro Gly		
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Phe Arg Pro Asp Gly Asp Phe Pro Ala Asp Ser Gln Val Asn Val Ser		
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Val Tyr Asn Arg Leu Glu Leu Arg Asn Ser Ser Asn Val Leu Gly Ile		
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Ile Arg Gly Ala Val Glu Pro Asp Arg Tyr Val Leu Tyr Gly Asn His		
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Arg Asp Ser Trp Val His Gly Ala Val Asp Pro Ser Ser Gly Thr Ala		
370	375	380
Val Leu Leu Glu Leu Ser Arg Val Leu Gly Thr Leu Leu Lys Lys Gly		
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Thr Trp Arg Pro Arg Arg Ser Ile Val Phe Ala Ser Trp Gly Ala Glu		
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Glu Phe Gly Leu Ile Gly Ser Thr Glu Phe Thr Glu Glu Phe Phe Asn		
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Lys Leu Gln Glu Arg Thr Val Ala Tyr Ile Asn Val Asp Ile Ser Val		
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Phe Ala Asn Ala Thr Leu Arg Val Gln Gly Thr Pro Pro Val Gln Ser		
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4/5

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Tyr Thr Tyr Asp Arg Ser Lys Thr Ser Ala Arg Ile Tyr Pro Thr Tyr
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His Thr Ala Phe Asp Thr Phe Asp Tyr Val Asp Lys Phe Leu Asp Pro
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Gly Phe Ser Ser His Gln Ala Val Ala Arg Thr Ala Gly Ser Val Ile
      565                      570                      575
Leu Arg Leu Ser Asp Ser Phe Phe Leu Pro Leu Lys Val Ser Asp Tyr
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Ser Glu Thr Leu Arg Ser Phe Leu Gln Ala Ala Gln Gln Asp Leu Gly
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Ala Leu Leu Glu Gln His Ser Ile Ser Leu Gly Pro Leu Val Thr Ala
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Val Glu Lys Phe Glu Ala Glu Ala Ala Leu Gly Gln Arg Ile Ser
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Thr Leu Gln Lys Gly Ser Pro Asp Pro Leu Gln Val Arg Met Leu Asn
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Asp Gln Leu Met Leu Leu Glu Arg Thr Phe Leu Asn Pro Arg Ala Phe
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Pro Glu Glu Arg Tyr Tyr Ser His Val Leu Trp Ala Pro Ser His Gly
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Leu Arg Ser His Ile Pro Gly Leu Ser Asn Ala Cys Ser Arg Ala Arg
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Asp Thr Ala Ser Gly Ser Glu Ala Trp Ala Glu Val Gln Arg Gln Leu
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